



LT036X-XX-D61

3.0MM ROUND BI-COLOR LAMP (3 LEADS)

Features

- * HIGH LIGHT OUTPUT AND
UNIFORM MATCH FOR TWO
COLOR
- * LOW CURRENT REQUIREMENTS
- * RELIABLE AND RUGGED
- * IC COMPATIBLE

Absolute Maximum Ratings at $T_A=25^\circ\text{C}$

REVERSE VOLTAGE (<100 μA).....	5.0V
D.C. FORWARD CURRENT.....	30 mA
PULSE CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH).....	100 mA
OPERATING TEMPERATURE RANGE.....	-25 $^\circ\text{C}$ TO +85 $^\circ\text{C}$
STORAGE TEMPERATURE RANGE.....	-25 $^\circ\text{C}$ TO +100 $^\circ\text{C}$
LEAD SOLDERING TEMP. (1.6mm FROM BODY).....	260 $^\circ\text{C}$ FOR 5 SEC.

Electrical/optical characteristics at $T_A=25^\circ\text{C}$

PART NUMBER	LED CHIP		LEN'S COLOR	PEAK WAVELENGTH @20 mA (nm)		FORWARD VOLTAGE @20mA(V)				LUMINOUS INTENSITY @20mA(mcd)		VIEW ANGLE $2\theta_{1/2}$ (deg)
	EMITTING	COLOR				TYP.	MAX.	TYP.	MAX.	TYP.	TYP.	
LT0362-23-D61	GREEN	YELLOW	W.D	567	585	2.1	2.6	2.1	3.0	13.3	11.3	50
LT0362-24-D61	GREEN	ORANGE	W.D	567	635	2.1	2.6	2.1	3.0	13.3	15.5	50
LT0362-25-D61	GREEN	RED	W.D	567	700	2.1	2.6	2.1	3.0	13.3	2.7	50
LT0362-34-D61	YELLOW	ORANGE	W.D	585	635	2.1	3.0	2.1	3.0	11.3	15.5	50
LT0362-35-D61	YELLOW	RED	W.D	585	700	2.1	3.0	2.1	3.0	11.3	2.7	50
LT0361-22-D61	GREEN	GREEN	G.D	567	567	2.1	2.6	2.1	2.6	13.3	13.3	50
LT0361-33-D61	YELLOW	YELLOW	Y.D	585	585	2.1	3.0	2.1	3.0	11.3	11.3	50
LT0361-44-D61	ORANGE	ORANGE	O.D	635	635	2.1	3.0	2.1	3.0	15.5	15.5	50
LT0361-55-D61	RED	RED	R.D	700	700	2.1	3.0	2.1	3.0	2.7	2.7	50
LT0361R-44-D61	ORANGE	ORANGE	R.D	635	635	2.1	3.0	2.1	3.0	15.5	15.5	50

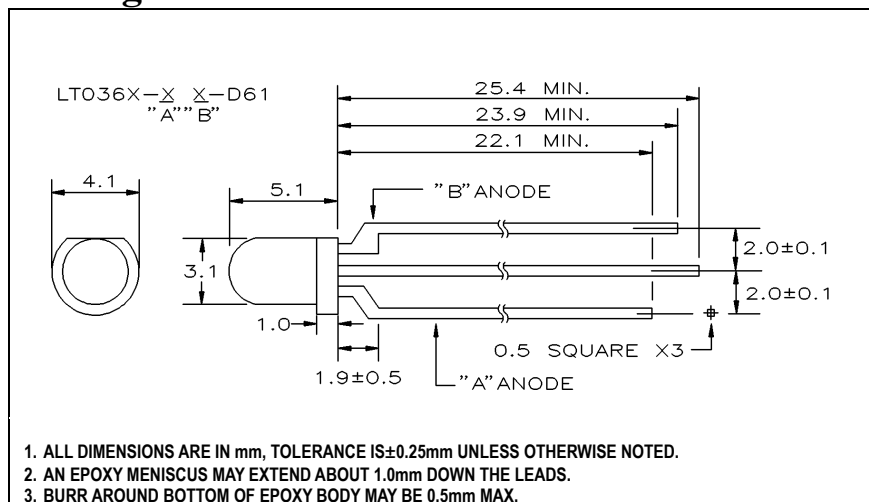
(1) LEN'S COLOR

R.D RED DIFFUSED
G.D GREEN DIFFUSED
Y.D YELLOW DIFFUSED
O.D ORANGE DIFFUSED
W.D WHITE DIFFUSED

(2) SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

(3) ALL ABOVE COMPONENTS ARE CONSIDERED. DEVIATIONS FROM STATED SPECIFICATIONS WILL REQUIRE A NEW PART NUMBER BE ASSIGNED.

Package Dimensions



Radiation Pattern

